

Illinois Office of the State Fire Marshal



Illinois Fire Incident Reporting Statewide Reporting Overview for 2008 - 2010

Report Last Updated on 6/22/2010.

*This data represents incidents reported by Illinois Fire Departments to the National Fire Incident Reporting System.
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Illinois Fire Incident Reporting

2008 - 2010 Data Reported by Fire Departments in Illinois

Incident Types Reported by Year

Data Represents Incidents Reported before 6/7/2010.

	2008	2009	2010	Total
Fire	48,595 5%	57,424 5%	17,396 5%	123,415 5%
EMS	505,592 58%	665,787 63%	207,793 64%	1,379,172 61%
Hazardous Materials	43,891 5%	47,391 4%	13,519 4%	104,801 4%
Explosions (Non-Fire)	1,543 0%	1,653 0%	456 0%	3,652 0%
Good Intent Call	62,657 7%	67,441 6%	20,000 6%	150,098 6%
False Call	128,519 14%	137,954 13%	40,970 12%	307,443 13%
Service Call	68,520 7%	72,348 6%	22,294 6%	163,162 7%
Special Incident Type	2,176 0%	3,513 0%	903 0%	6,592 0%
Weather	2,716 0%	1,392 0%	213 0%	4,321 0%
Total	864,209 100%	1,054,903 100%	323,544 100%	2,242,656 100%

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Illinois Fire Incident Reporting

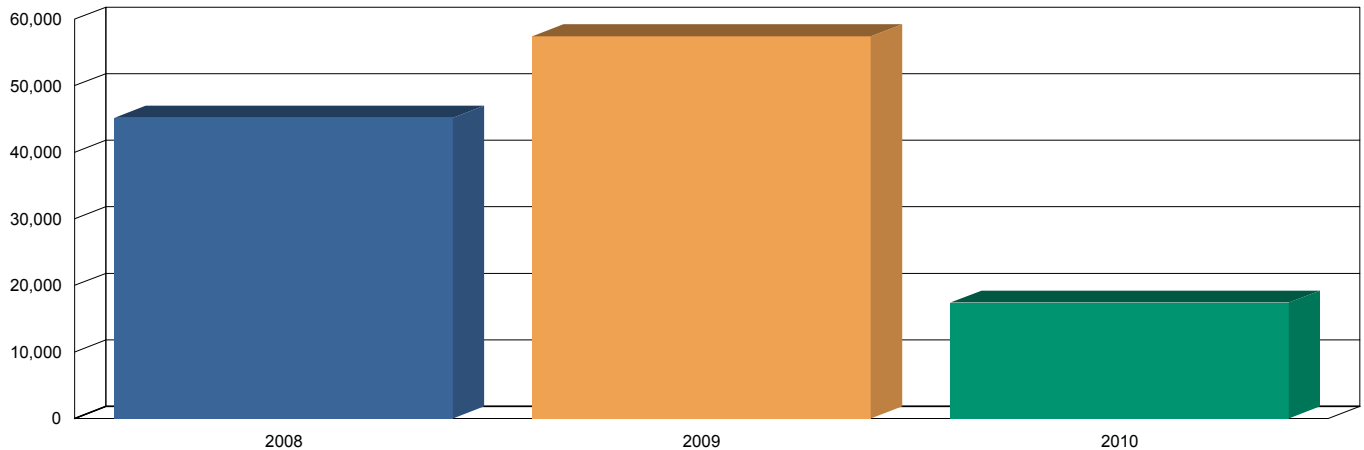
2008 - 2010 Data Reported by Fire Departments in Illinois

Fire Incidents by Year

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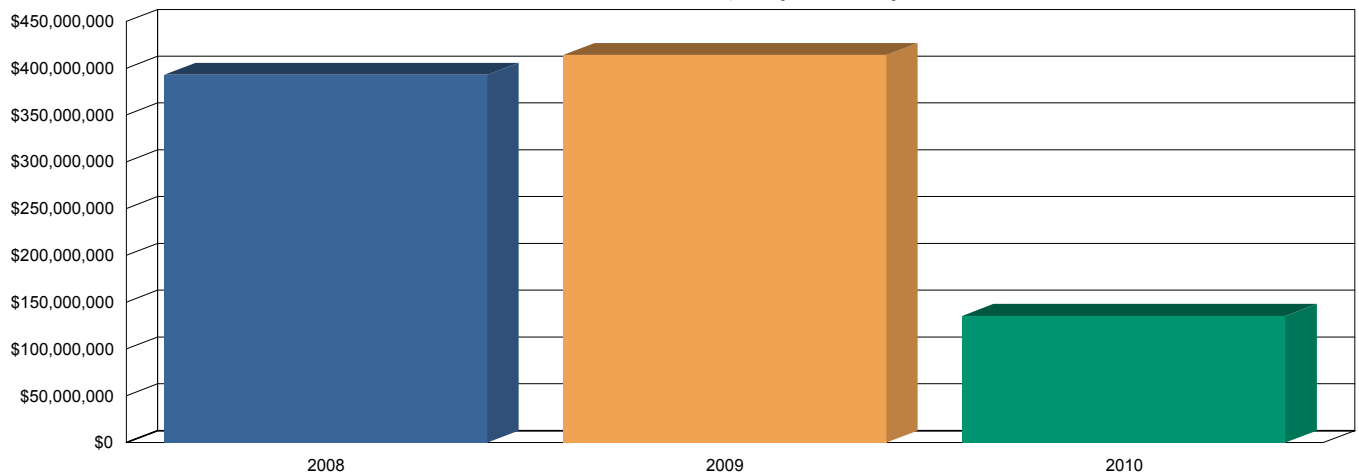
Data Does Not Include Mutual Aid.

Number of Fire Incidents by Year



	2008	2009	2010
Total	45,193	57,423	17,396

Total Fire Related Property Loss by Year



	2008	2009	2010
Total	\$392,866,967	\$414,086,567	\$135,424,259

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Illinois Fire Incident Reporting

2008 - 2010 Data Reported by Fire Departments in Illinois

Fire Incident Mutual Aid by Year

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	2008	2009	2010
Automatic aid given	4,436 9%	4,312 7%	1,476 8%
Automatic aid received	3,679 7%	3,528 6%	1,168 6%
Mutual aid given	7,636 15%	7,576 13%	2,429 14%
Mutual aid received	3,235 6%	3,102 5%	1,014 5%
None	29,310 60%	38,652 67%	11,231 64%
Other aid given	52 0%	39 0%	12 0%
Total	48,348 100%	57,209 100%	17,330 100%

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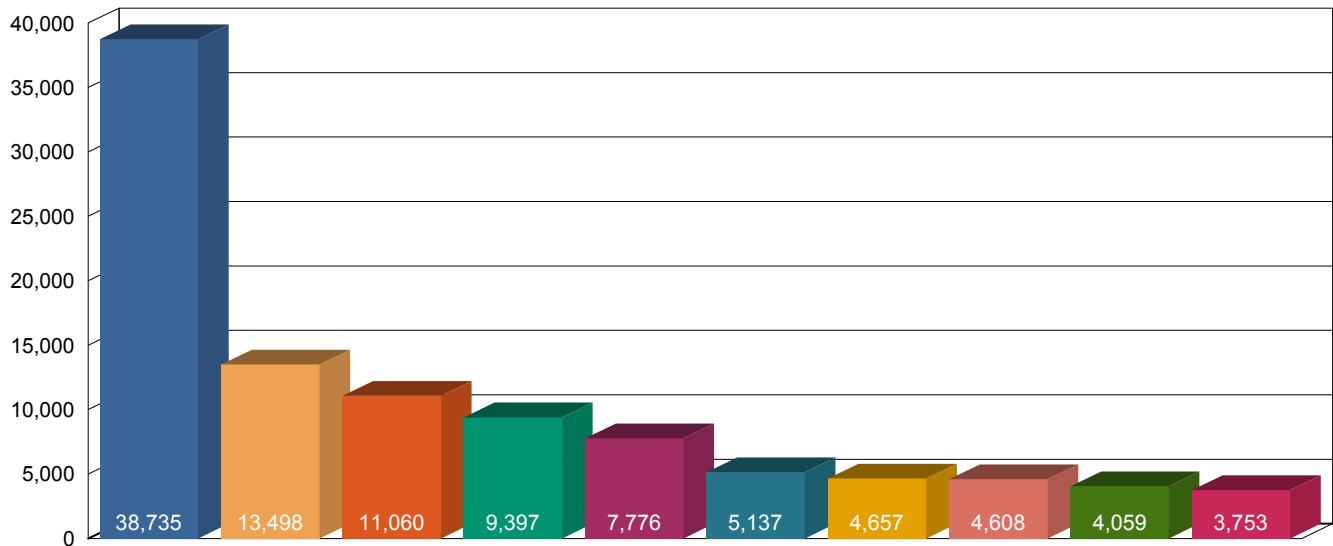
Top Ten Fire Incident Types by Year

Data Represents Incidents Reported before 6/7/2010.

Report does not include NFIRS version 4.x data conversion types.

Top 10 Fire Incident Types

2008 - 2010



	2008	2009	2010
Building fires	16,590	16,663	5,482
Passenger vehicle fire	4,939	6,685	1,874
Cooking fire, confined to container	3,345	5,747	1,968
Outside rubbish, trash or waste fire	3,384	4,771	1,242
Brush, or brush and grass mixture fire	2,805	3,786	1,185
Fire, other	1,707	2,614	816
Trash or rubbish fire, contained	633	3,199	825
Grass fire	1,587	2,344	677
Dumpster or other outside trash receptacle fire	1,812	1,780	467
Outside rubbish fire, other	1,532	1,834	387

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Illinois Fire Incident Reporting

2008 - 2010 Data Reported by Fire Departments in Illinois

Top 25 Reporting Fire Departments

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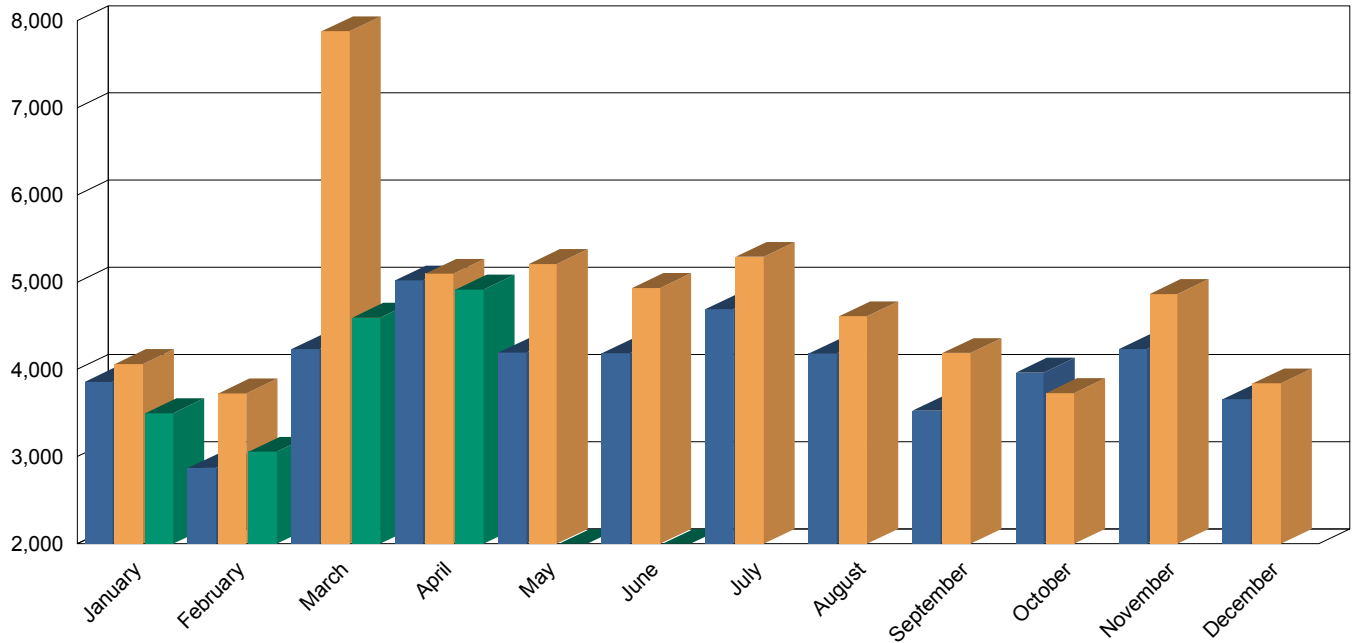
	2008	2009	2010	Total
CHICAGO FD	2,941	221,183	70,360	294,484
ROCKFORD FD	22,903	22,107	2,961	47,971
SPRINGFIELD FD	15,935	15,391	6,206	37,532
PEORIA FD	15,392	16,142	2,543	34,077
JOLIET FD	18,185	14,435	0	32,620
ELGIN FD	11,393	10,983	4,352	26,728
NAPERVILLE FD	11,796	11,219	3,510	26,525
ARLINGTON HEIGHTS FD	9,824	9,517	3,616	22,957
WAUKEGAN FD	8,482	9,757	3,810	22,049
BLOOMINGTON FD	10,046	9,261	2,279	21,586
DECATUR FD	9,081	8,614	3,498	21,193
AURORA FD	8,947	8,495	3,298	20,740
EVANSTON FIRE & LIFE SAFETY	9,123	8,560	2,625	20,308
SCHAUMBURG FD	8,534	8,222	3,259	20,015
BERWYN FD	9,226	8,434	1,958	19,618
ORLAND FPD	8,054	7,845	2,510	18,409
GLENVIEW FD	7,834	7,109	2,567	17,510
OAK LAWN FD	7,471	7,046	2,528	17,045
PALATINE FD	7,251	7,010	2,135	16,396
CALUMET CITY FD	6,689	6,740	1,974	15,403
CHAMPAIGN FD	5,906	6,341	2,013	14,260
NILES FD	6,058	5,773	1,773	13,604
DOWNERS GROVE FD	5,809	5,361	2,115	13,285
BOLINGBROOK FD	6,079	5,517	1,388	12,984
GURNEE FD	5,743	4,886	1,568	12,197

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Fire Incidents Reported by Month and Year

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	2008		2009		2010	
January	3,856	7%	4,061	7%	3,497	20%
February	2,868	5%	3,724	6%	3,055	17%
March	4,231	8%	7,879	13%	4,593	26%
April	5,019	10%	5,097	8%	4,916	28%
May	4,191	8%	5,209	9%	1,304	7%
June	4,184	8%	4,934	8%	31	0%
July	4,690	9%	5,292	9%	0	0%
August	4,180	8%	4,609	8%	0	0%
September	3,524	7%	4,188	7%	0	0%
October	3,962	8%	3,728	6%	0	0%
November	4,233	8%	4,864	8%	0	0%
December	3,657	7%	3,839	6%	0	0%
Total	48,595	100%	57,424	100%	17,396	100%

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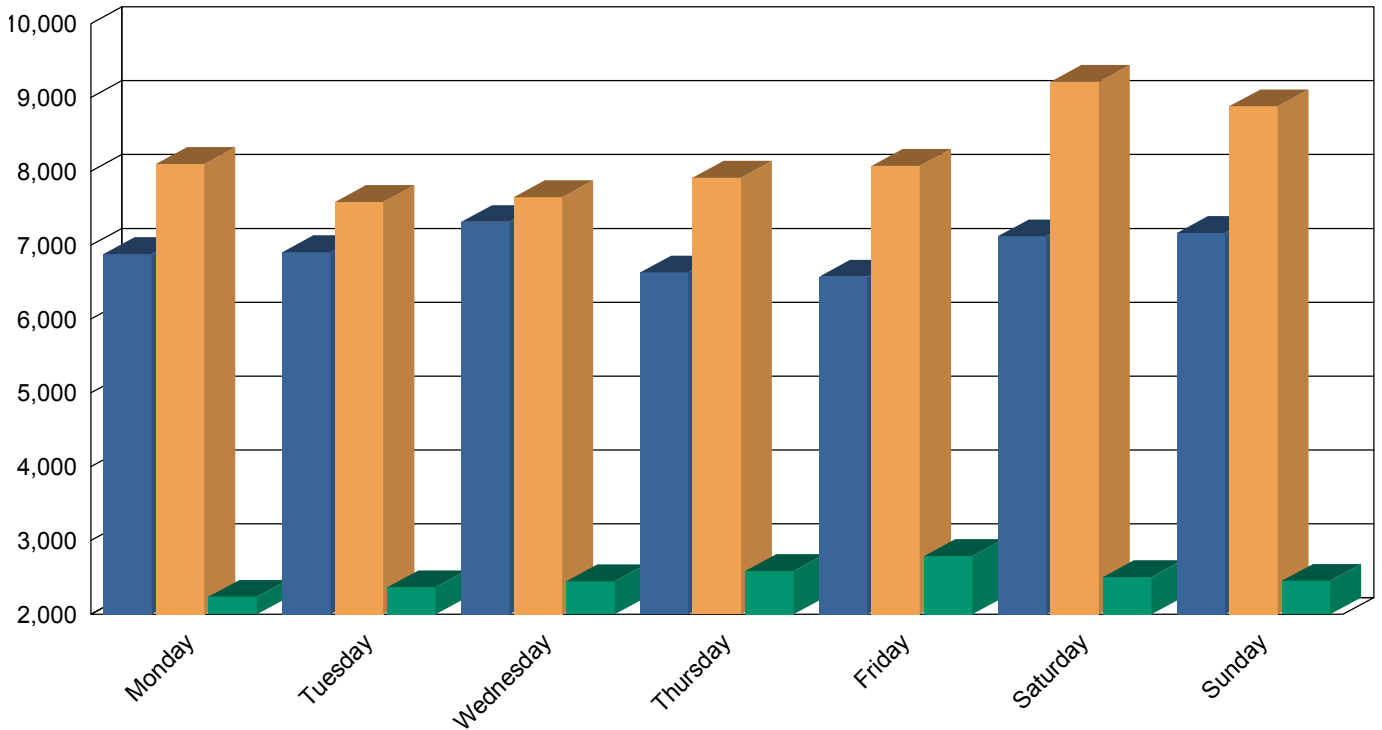


Illinois Fire Incident Reporting

2008 - 2010 Data Reported by Fire Departments in Illinois

Fire Incidents Reported by Weekday and Year

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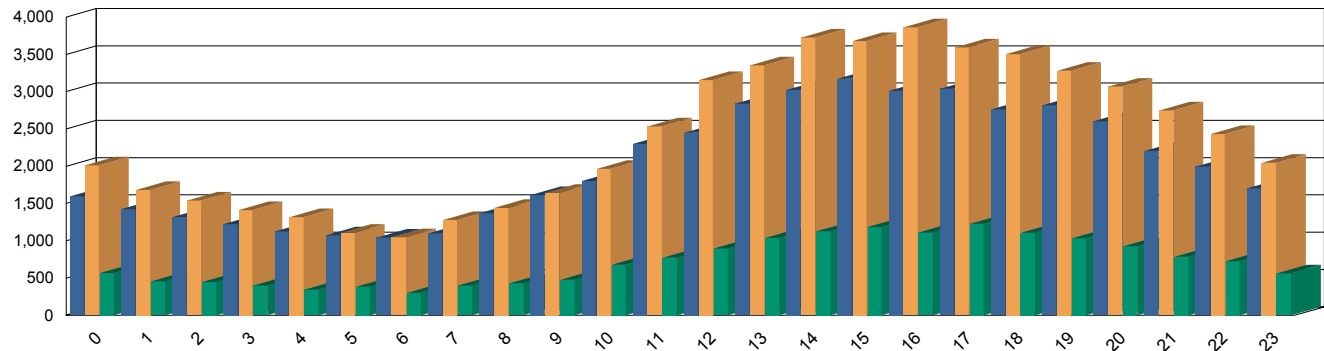
	2008		2009		2010	
Monday	6,880	14%	8,100	14%	2,239	12%
Tuesday	6,907	14%	7,586	13%	2,369	13%
Wednesday	7,316	15%	7,650	13%	2,450	14%
Thursday	6,632	13%	7,916	13%	2,588	14%
Friday	6,574	13%	8,075	14%	2,790	16%
Saturday	7,121	14%	9,215	16%	2,505	14%
Sunday	7,165	14%	8,882	15%	2,455	14%
Total	48,595	100%	57,424	100%	17,396	100%

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Fire Incidents Reported by Time and Year

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	2008		2009		2010	
0:00	1,595	3%	2,012	3%	568	3%
1:00	1,424	2%	1,682	2%	457	2%
2:00	1,319	2%	1,541	2%	447	2%
3:00	1,224	2%	1,410	2%	401	2%
4:00	1,123	2%	1,318	2%	347	1%
5:00	1,072	2%	1,108	1%	384	2%
6:00	1,045	2%	1,046	1%	302	1%
7:00	1,101	2%	1,279	2%	399	2%
8:00	1,368	2%	1,440	2%	429	2%
9:00	1,612	3%	1,645	2%	477	2%
10:00	1,800	3%	1,965	3%	679	3%
11:00	2,298	4%	2,536	4%	772	4%
12:00	2,448	5%	3,157	5%	897	5%
13:00	2,840	5%	3,351	5%	1,039	5%
14:00	3,022	6%	3,727	6%	1,127	6%
15:00	3,173	6%	3,678	6%	1,186	6%
16:00	3,010	6%	3,862	6%	1,112	6%
17:00	3,038	6%	3,592	6%	1,228	7%
18:00	2,762	5%	3,501	6%	1,108	6%
19:00	2,818	5%	3,281	5%	1,033	5%
20:00	2,601	5%	3,068	5%	926	5%
21:00	2,204	4%	2,747	4%	787	4%
22:00	1,995	4%	2,430	4%	728	4%
23:00	1,703	3%	2,048	3%	563	3%

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Fire Incidents Reported by Average Response Time and Year

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Response times under 0 minutes or over 60 minutes were not considered in this study.

Average Response Time by Weekday

	2008	2009	2010
Monday	7.23	6.72	6.80
Tuesday	7.29	6.60	7.17
Wednesday	7.24	7.05	6.75
Thursday	7.20	6.97	7.12
Friday	7.37	6.92	7.06
Saturday	7.04	6.86	6.71
Sunday	7.07	6.77	6.62

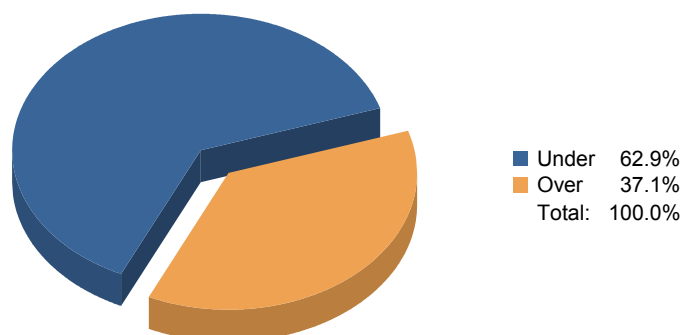
Average Response Time by Month

	2008	2009	2010
January	7.74	7.81	6.80
February	7.71	7.47	6.99
March	7.66	7.82	6.92
April	7.27	6.87	6.80
May	6.76	6.54	7.15
June	6.97	6.68	7.58
July	6.64	6.22	0.00
August	6.62	6.30	0.00
September	6.86	6.01	0.00
October	7.25	6.16	0.00
November	7.33	6.80	0.00
December	7.94	6.82	0.00

Average Response Time by Hour

	2008	2009	2010
0	7.67	7.21	7.87
1	7.45	7.16	6.94
2	7.95	7.53	6.78
3	8.64	7.58	7.84
4	7.93	7.91	7.49
5	8.60	7.67	7.50
6	8.04	7.64	7.46
7	7.36	6.88	7.24
8	7.37	6.72	6.79
9	7.36	6.86	6.06
10	7.39	6.40	6.09
11	7.45	6.69	6.65
12	7.06	7.02	7.04
13	7.31	7.24	7.32
14	7.07	7.41	7.27
15	7.25	7.15	7.19
16	7.04	7.04	6.86
17	6.58	6.54	6.65
18	6.45	6.17	6.44
19	6.57	6.16	6.53
20	6.90	5.81	6.28
21	6.70	6.28	6.68
22	7.02	6.36	6.94
23	7.36	7.04	7.10

Response Time Six Minutes or Under



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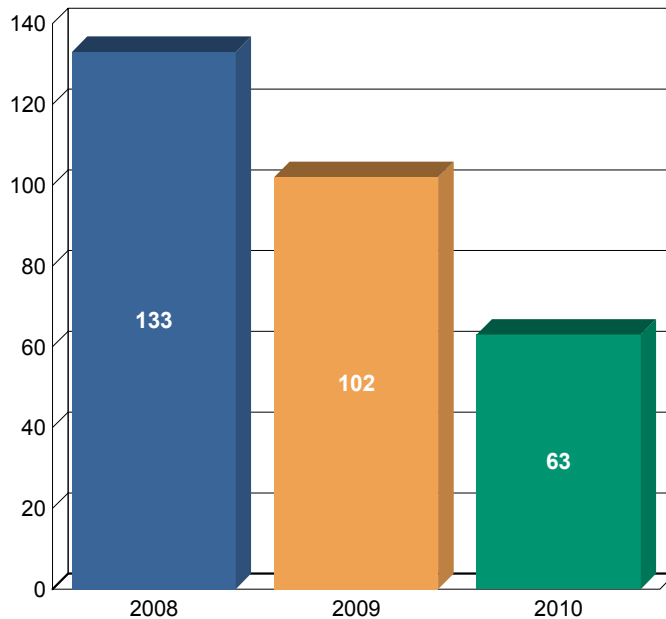
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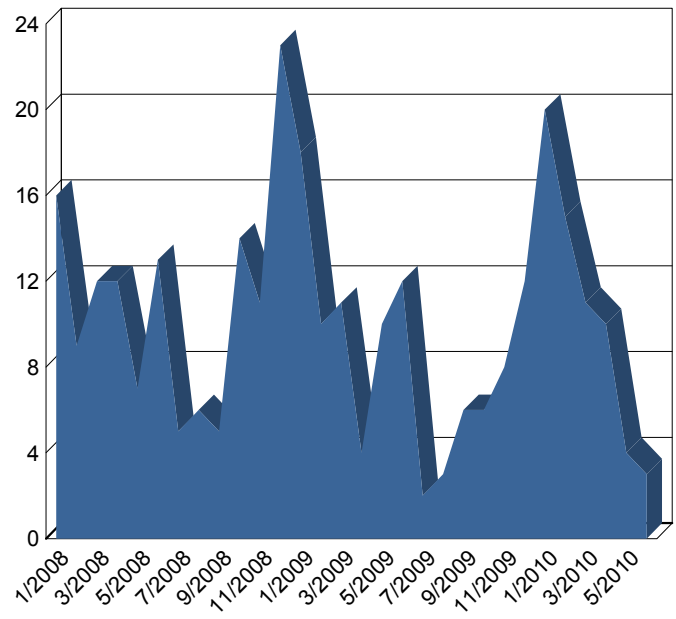
Civilian Fire Related Fatalities

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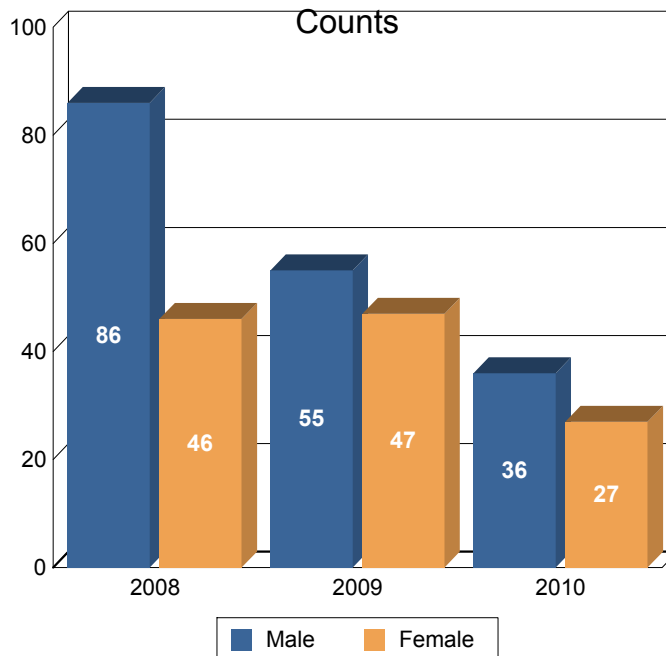
Yearly Counts



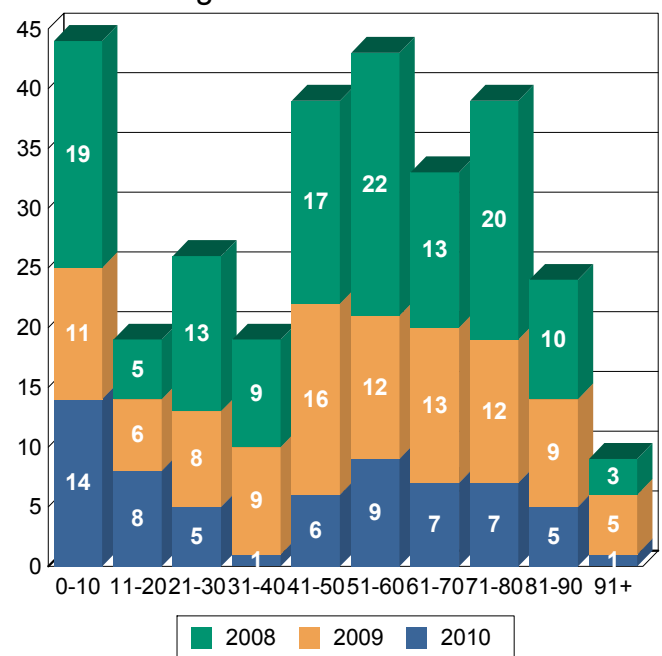
Monthly Counts



Gender and Year Counts



Age and Year Counts



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